Genomic DNA from *Campylobacter jejuni* subsp. *jejuni*, Strain CIP 702

Catalog No. NR-4199

For research use only. Not for human use.

Contributor:
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Product Description:
Genomic DNA was isolated from a preparation of *Campylobacter jejuni* subsp. *jejuni*, strain CIP 702.

Campylobacter jejuni (*C. jejuni*) is a Gram-negative, slender, curved, motile rod commonly found in animal feces. It is a thermophilic and microaerophilic organism that is sensitive to environmental stresses.[1] *C. jejuni* is among the most frequently identified bacterial causes of human gastroenteritis in the U.S. and other industrialized countries.[2]

NR-4199 has been qualified for PCR applications by amplification of ~ 1500 bp of the 16S ribosomal RNA gene.

Material Provided:
Each vial contains 4–6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH ~7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-4199 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic DNA from *Campylobacter jejuni* subsp. *jejuni*, Strain CIP 702, NR-4199."

Biosafety Level: 1
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

Disclaimers:
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References:
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